

1                   **SECURE USER AUTHENTICATION TO COMPUTING**  
2                   **RESOURCE VIA SMART CARD**

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4           **ABSTRACT OF THE DISCLOSURE**

5           A simplified user authentication to a computer resource utilizing a smart  
6 card. When a new user is issued a smart card, he or she is also issued a user  
7 name (ID) and password to be used during a first use to activate the smart card.  
8 The user then connects the smart card and enters the user ID and password. The  
9 user is authenticated using the user ID and password and identifying information  
10 from the smart card. The network administration server then requests a public key  
11 from the workstation. The workstation instructs the smart card to generates public  
12 and private key. The public key is transmitted to the server. A digital certificate is  
13 created the smart card is activated. Once the smart card is activated a simplified  
14 login procedure can be used wherein connecting the smart card to a workstation  
15 initiates a login process not requiring use of a PIN number or other user input.  
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